



JC07 Rec'd PCT/PTO 31 AUG 2005

PATENT
ATTORNEY DOCKET NO.: 040894-7177

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Kenichi NAKAYAMA et al.)	
U.S. Application No.: 10/523,363)	Group Art Unit: Unassigned
International Appln. Filing Date: August 6, 2003)	
Date of National Stage Entry: February 7, 2005)	Examiner: Unassigned
For: SUGAR CHAIN SYNTHASE GENE)	

Commissioner of Patents
MAIL STOP PCT
Alexandria, VA 22314

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C. § 371 IN THE U.S. DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. This replies to the Notification of Missing Requirements (Form PCT/DO/EO/905) mailed July 1, 2005.

A copy of the Notification of Missing Requirements (Form PTC/DO/EO/905) is enclosed.

2. Declaration Or Oath

- ☒ No declaration or oath was filed. Enclosed is the original Combined Declaration and Power of Attorney.
- ☐ The specification attached to the declaration is a copy of the specification and any amendments thereto which were filed in the PTO to obtain the filing date.
- ☐ The declaration or oath which was filed was determined to be defective. A new original Combined Declaration and Power of Attorney is attached.

3. English Translation of Non-English Language Papers

☐ Submitted herewith is a verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the PTO.

☐ Also enclosed is the Verification of Translation Document

4. Small Entity Statement(s)

☐ Applicant(s) hereby assert small entity status.

5. Fee Calculation

Basic National Stage Fee:				
\$300.00				
	Number Filed	Number Extra	at a Rate of	
Total Claims	9-20 =	0	\$50.00 each=	+\$
Independent Claims	3- 3 =	0	\$200.00 each=	+\$
Multiple dependent claim(s), if any			\$360.00	+\$
Missing Requirements Surcharge Fee			\$130.00	\$130.00
Application Size Fee				
\$250.00 for each additional 50 sheets that exceeds 100				\$
Application Search Fee			\$500.00	\$
Examination Fee			\$200.00	\$
SUB-TOTAL =				\$130.00

Fee For Application Filed With A Non-English Specification (37 C.F.R. § 1.17(k) and § 1.52(d))	\$130.00	+\$
Fee For Processing and retention of application (37 C.F.R. § 1.21(l) and § 1.53(d))	\$130.00	+\$
TOTAL FILING FEE =		\$130.00

6. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.

- ☐ Applicants petition for an extension of time, the fees for which are set out in 37 C.F.R. §§ 1.17(a)-(d), for the total number of months checked below:

	<u>Total Months Requested</u>	<u>Extension Fee</u>	<u>Extension Fee [Small Entity]</u>
<input type="checkbox"/>	One month	\$120.00	\$60.00
<input type="checkbox"/>	Two months	\$450.00	\$225.00
<input type="checkbox"/>	Three months	\$1,020.00	\$510.00
<input type="checkbox"/>	Four months	\$1,590.00	\$795.00
<input type="checkbox"/>	Five months	\$2,160.00	\$1,080.00

Extension of time fee due with this request: \$_____

If an additional extension of time is required, please consider this a Petition therefor.

- ☒ Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

7. Fee Payment

The total fee due is:	Completion Fees	<u>\$130.00</u>
	Assignment Fees	<u>\$40.00</u>
	Total Fee Due	<u>\$170.00</u>

- ☒ The Commissioner is hereby authorized to charge the total fee due to Deposit Account 50-0310.

- ☒ **Except** for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §1.16 and §1.17 which may be required, or credit any overpayment to Deposit Account No. 50-0310.

8. Additional papers enclosed.

- ☐ Form PCT/IPEA/409 (English Translation)
- ☒ Preliminary Amendment
- ☐ PCT/IB/338 English translation of the International preliminary Examination Report
- ☐ Information Disclosure Statement
- ☐ Form PTO-1449, 5 documents as listed
- ☐ Declaration of Biological Deposit
- ☒ Submission of "Sequence Listing" in computer readable form (floppy diskette)
- ☒ Statement Accompanying Sequence Listing

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP



Robert J. Goodell Reg. No. 41,040

Date: August 31, 2005

Customer No. 09629

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UNITED STATES PATENT AND TRADEMARK OFFICE

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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/523,363	Kenichi Nakayama	040894-7177

INTERNATIONAL APPLICATION NO.

PCT/JP03/10025

IA. FILING DATE	PRIORITY DATE
08/06/2003	08/07/2002

09629

MORGAN LEWIS & BOCKIUS LLP
1111 PENNSYLVANIA AVENUE NW
WASHINGTON, DC 20004

CONFIRMATION NO. 1869

371 FORMALITIES LETTER



OC000000016434341

Date Mailed: 07/01/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/07/2005
- English Translation of the IA filed on 02/07/2005
- Copy of the International Search Report filed on 02/07/2005
- Information Disclosure Statements filed on 02/07/2005
- Biochemical Sequence Listing filed on 02/07/2005
- U.S. Basic National Fees filed on 02/07/2005
- Specification filed on 02/07/2005
- Claims filed on 02/07/2005
- Abstracts filed on 02/07/2005
- Drawings filed on 02/07/2005
- Paper nucleotide sequence listings filed on 02/07/2005

Docketed 7/5/05 Attorney RJG
Case 40894-7177
Due Date 9/1/05
Action Missive Rec
By LK Chk BK

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

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MORGAN, LEWIS & BOCKIUS LLP

- **\$130** Late oath or declaration Surcharge.

- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/523,363	PCT/JP03/10025	040894-7177

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Kenichi NAKAYAMA et al.

Application No.: 10/523,363

Examiner: Unassigned

Filed: February 7, 2005

Group Art Unit: Unassigned

For: SUGAR CHAIN SYNTHASE GENE

Commissioner for Patents
Alexandria, VA 22314

SUBMISSION OF REPLACEMENT DRAWINGS

Filed herewith are 5 replacement sheets of drawings containing 5 Figures. These replacement sheets of drawings are submitted to improve the form of the drawings. It is requested that these drawings be approved and made part of the official record in the above-identified patent application.

If there are any fees due in connection with the filing of these drawings, please charge the fees to our Deposit Account No. 50-0310.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

By: 

Robert J. Goodell, Reg. No. 41,040

Dated: August 31, 2005

MORGAN, LEWIS & BOCKIUS LLP
Customer No. 009629